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FOX
XPRESSO
XOs & VCXOs...
Any frequency
0.75 MHz to 1350 MHz.
Lower Cost
Faster Delivery
Low Jitter
Over 20
Million
Shipped!
3.3V & 2.5V
HCMOS, LVPECL, LVDS
7x5, 5x3.2, 3.2x2.5mm
Stabilities to 20ppm

NEW! Click here for
Application Specific XPRESSO
Ethernet - GbE
Fibre Channel - FC
SCSI, SATA, SAS - ST
SONET - OC

Xp R Q Datasheets

Jump to XOs

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Xp R Q Quick Links

[XO Model Selection Guide](#)
[VCXO Model Selection Guide](#)
[Jitter Characteristics](#)
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For over 30 years Fox has helped engineers worldwide meet their toughest frequency control needs. We do it with the world's broadest line of crystals, fixed and configurable oscillators, TCXOs, VCXOs, ...and ultimate technical support capabilities. From overnight off-the-shelf to custom Oscillators manufacturing, **Fox Rocks your frequency control world...throughout the world!**



TCXO / VCTCXO

Designed for low power high performance applications such:

Wireless systems
GPS
Remote Meters
Stratum III



Click for
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SMD QUARTZ CRYSTALS

Resin Sealed Packaging technology provides a cost reduction of up to 20%.



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Sample®**

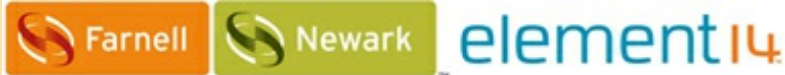
Request Your Fox
Samples Here.

Do you have a Fox Part Number or
Model Number and need a datasheet?

Insert the first 3 or 5 digits
of example:
Fox Part Number: **280LF**-14.31818-14

or Insert Model Number: example: **HC49SSD**
[Still need help?](#)

In the NEWS:



Fox has expanded the franchise agreement with Premier Farnell Newark element 14 to a global agreement. This will enable them to service their growing worldwide customer base on the attributes of the Fox full line of products. [Read more](#)



Faster Response From Smaller Components

Oscillators make big strides in network and mobile apps
by Roger Burns, Engineering Sales Mgr - Fox Electronics

Fox Electronics Adds New Sales Office in Silicon Valley

Peter Sedlak Hired as Western Regional Area Engineering Sales Manager. Fox has recently reorganized its North American sales territories into three regions (East, Central and West) and has named Peter Sedlak to manage the west region from the new sales office in Silicon Valley. [Read more](#)

Fox Expands International Presence with Fox Electronics Canada

Fox has hired Ross O. Weiss as its new Vice President North America Sales. The expansion is in response to the tremendous growth in demand for its products that Fox Electronics has seen in the past year. [Read more](#)



Fox now offers its XpressO XO oscillators with an extremely tight frequency stability to ± 25 ppm over the operating temperature range of -20°C to $+70^{\circ}\text{C}$. The new HCMOS 3.3V FXO-HC336 is part of Fox's full line of low-cost, high performance XpressO oscillators that are delivered within 10 days and offer extremely low jitter. [Read more](#)

Fox Offers 1-volt Oscillators with Low Current Consumption in New Compact Package Size



F300 series ideal for environments with minimal air circulation. The F300 series of HCMOS oscillators which feature low voltage and low current consumption.

[Read more](#)



Fox now offers a new series of small footprint, low current consumption oscillators for small and portable devices. The F100 HCMOS oscillator family is available in 1.8V (F110 series), 2.5V (F140 series) and 3.3V (F130 series) options and a frequency range of 1.0 MHz to 80.0 MHz, all in a compact 2.0 mm x 1.6 mm footprint with a low 0.8 mm profile. [Read more](#)



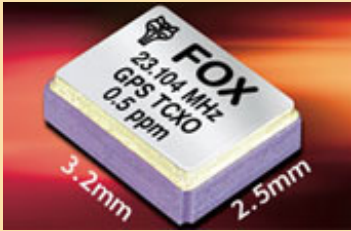
New compact 3.3-volt F32K 32.768 kHz oscillator series as an expansion to its HCMOS oscillator offerings. The F32K oscillators draw a mere 1.5 μA of current and 250 nA of standby current.

[Read more or see datasheet](#)



ISO 9001:2008





Better Stability across Wide Temperature Range

Makes New Compact Oscillators from Fox

Electronics Ideal for GPS Applications.

[Read more](#) or see [datasheet](#)



New Automotive-grade Ceramic SMD Crystals
Withstand Higher Levels of Shock and Vibration
at Extended Temperature Ranges
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